

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number

50685/SAH/G476

Application Number

09/715,944

Filing Date

November 17, 2000

Applicant(s)

Dan Katcher, et al.

Group Art Unit

2161

Examiner Name

Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
AK		5,818,438	10-06-1998	Howe et al.
AK		US 6,233,253 B1	05-15-2001	Settle et al.
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EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AK		TSUNASHIMA, KENJI et al., An Integrated DTV Receiver for ATSC Digital Television Standard, 1998 IEEE, 0-7803-4357-3/98, pp. 148-149, Mitsubishi Electric Corporation, Kyoto, Japan
AK		BENSON, K. BLAIR (Editor and Coauthor), Television Engineering Handbook, 3 sheets, Copyright 1992, 1986 by McGraw-Hill, Inc., New York, New York

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EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
As		5,541,662	07/30/1996	Adams et al.
As		5,774,664	05/30/1998	Hidary et al.
As		5,889,746	03/30/1999	Moriyama et al.
AL		6,357,042 B2	03/12/2002	Srinivasan et al.
As		6,415,438 B1	07/02/2002	Blackketter et al.
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EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)

OTHER DOCUMENTS

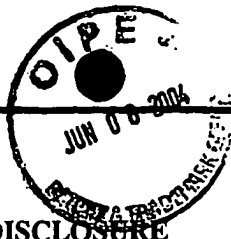
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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EXAMINER SIGNATURE	Andrew Y. Koenig	DATE CONSIDERED	11/29/04
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	Filing Date	November 17, 2000
	Applicant(s)	Dan Katcher et al.
	Group Art Unit	2161
	Examiner Name	not yet assigned

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U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No.¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
Ah		5,541,602	07-30-1996	Opris et al.
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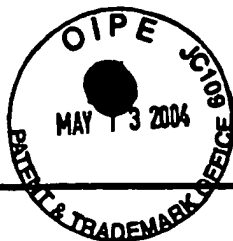
FOREIGN PATENT DOCUMENTS					Technology Center 2600
EXAMINER INITIALS	Cite No.¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T⁶ (✓)

OTHER DOCUMENTS		
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AK		5,912,675	06-15-1999	Laperriere
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		EP 0 498 511 A1	08-12-1992	Moolenaar	
AK		EP 1 051 039 A2	11-08-2000	Mcrae et al.	
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		JP 1 102 7540	01-29-1999	Nobuhito	X
		JP 5 512 4361	09-25-1980	Hiroshi	X
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		WO 99/52081	10-14-1999	Miller et al.	
		WO 99/52282	10-14-1999	Hurst	
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		WO 00/21207	04-13-2000	Lee	
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		WO 00/46754	08-10-2000	Kamen et al.	

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		WO 00/63848	10-26-2000	Miller et al.	

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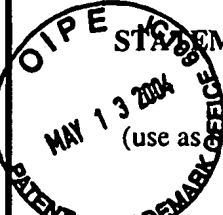
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Brigger et al.; <i>Morphological Shape Representation for Very Low Bit-Rate Video Coding</i> ; pp. 297-311, Signal Processing: Image Communication, NL., Elsevier Science Publishers, Amsterdam, Vol. 7, No. 4
		Co-pending U.S. Application No. 09/943,583, filed August 30, 2001, entitled METHOD AND APPARATUS FOR HYPERLINKING IN A TELEVISION BROADCAST
		Co-pending U.S. Application No. 09/695,900, filed October 25, 2000, entitled METHOD AND APPARATUS FOR INTERACTION WITH HYPERLINKS IN A TELEVISION BROADCAST
		Co-pending U.S. Patent Application No. 09/747,677; filed December 22, 2000, entitled: A Method and Apparatus for Switching Between Multiple Programs by Interacting with a Hyperlinked Television Broadcast
		Co-pending U.S. Patent Application No. 09/697,775; filed October 26, 2000, entitled METHOD AND APPARATUS FOR GENERATING DATA STRUCTURES FOR A HYPERLINKED TELEVISION BROADCAST
		Co-pending U.S. Patent Application No. 09/697,483, filed October 26, 2000, entitled METHOD AND APPARATUS FOR ENCODING VIDEO HYPERLINKS
		Co-pending U.S. Patent Application No. 09/697,774, filed October 26, 2000, entitled: METHODS FOR OUTLINING AND FILLING REGIONS IN MULTI-DIMENSIONAL ARRAYS

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	Group Art Unit	2161
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OTHER DOCUMENTS		
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		Co-pending U.S. Patent Application No. 09/697,479, filed October 26, 2000, entitled SINGLE-PASS MULTILEVEL METHOD FOR APPLYING MORPHOLOGICAL OPERATORS IN MULTIPLE DIMENSIONS
		Nakanishi et al.; <i>an Image Reduction Method Using MR Codes</i>; pp. 1-10, Systems and Computer in Japan; Vol. 28, No. 7, 1997
		PARDAS et al.; <i>3D Morphological Segmentation for Image Sequence Processing</i>; pp. 6.1_3.1_6.1_3.6; Barcelona, Spain
AH		PCT International Search Report for International Application No. PCT/US01/06411, mailed on December 13, 2001
		Salembier et al.; <i>Segmentation-Based Video Coding System Allowing the Manipulation of Objects</i>; pp. 60-74, IEEE Transactions on Circuits and Systems for Video Technology, Vo. 7, No. 1, February 1997
		Vass et al.; <i>Automatic Spatio-Temporal Video Sequence Segmentation</i>; pp. 958-962, University of Missouri-Columbia; IEEE; 1998

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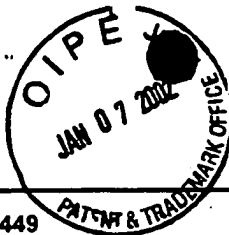
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FORM PTO - 1449

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ATTORNEY DOCKET NO.: WMI-004CP2

APPLICANTS: Katcher, et al.

SERIAL NO.: 09/715,944

FILING DATE: November 17, 2000

GROUP: 2161

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Au	A1	4,016,361	04/05/77	Pandey	358	83	09/02/75
Au	A2	4,122,477	10/24/78	Gallo	358	4	01/28/77
Au	A3	4,264,924	04/28/81	Freeman	358	86	08/13/79
Au	A4	4,264,925	04/28/81	Freeman et al.	358	86	08/13/79
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Au	A6	4,532,547	07/30/85	Bennett	358	148	03/31/82
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Au	A8	4,602,279	07/22/86	Freeman	358	86	03/21/84
Au	A9	4,792,849	12/20/88	McCalley et al.	358	86	08/04/87
Au	A10	4,803,553	02/07/89	Schrock et al.	358	149	01/11/88
Au	A11	4,811,407	03/07/89	Blokker, Jr. et al.	382	1	01/22/86
Au	A12	4,829,372	05/09/89	McCalley et al.	358	86	08/20/87
Au	A13	4,847,698	07/11/89	Freeman	358	343	07/16/87
Au	A14	4,847,699	07/11/89	Freeman	358	343	07/16/87
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Au	A16	4,941,040	07/10/90	Pocock et al.	358	86	02/10/88
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Au	A21	5,195,092	03/16/93	Wilson et al.	370	94.2	08/30/91
Au	A22	5,208,665	05/04/93	McCalley et al.	358	86	02/15/91
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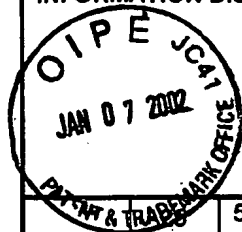
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		5,452,006	09/19/95	Auld	348	390	10/25/93
AU	A26	5,504,534	04/02/96	Sakaegi	348	513	07/17/92
AU	A27	5,526,024	06/11/96	Gaglianella et al.	345	185	08/12/94
AU	A28	5,533,021	07/02/96	Branstad et al.	370	60.1	02/03/95
AU	A29	5,583,561	12/10/96	Baker et al.	348	7	06/07/94
AU	A30	5,585,858	12/07/96	Harper et al.	348	485	08/12/94
AU	A31	5,590,262	12/31/96	Isadore-Barreca	395	806	11/02/93
AU	A32	5,600,775	02/04/97	King et al.	395	806	08/26/94
AU	A33	5,603,058	02/11/97	Belknap et al.	395	855	09/08/94
AU	A34	5,630,067	05/13/97	Kindell et al.	395	200.09	06/04/96
AU	A35	5,632,007	05/20/97	Freeman	395	75	09/23/94
AU	A36	5,640,601	06/17/97	Peters	395	854	01/22/96
AU	A37	5,644,354	07/01/97	Thompson et al.	348	13	10/09/92
AU	A38	5,655,050	08/05/97	Yamamoto et al.	386	104	06/06/96
AU	A39	5,689,799	11/18/97	Dougherty et al.	455	2	04/26/95
AU	A40	5,708,845	01/13/98	Wistendahl et al.	395	806	09/29/95
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AU	A42	5,724,091	03/03/98	Freeman et al.	348	13	05/18/95
AU	A43	5,754,250	05/19/98	Cooper	348	525	12/04/95
AU	A44	5,774,666	06/30/98	Portuesi	395	200.48	10/18/96
AU	A45	5,786,855	07/28/98	Chen et al.	348	391	10/26/95
AU	A46	5,805,204	09/08/98	Thompson et al.	348	13	02/20/97
AU	A47	5,815,634	09/29/98	Daum et al.	386	96	12/14/94
AU	A48	5,848,352	12/08/98	Dougherty et al.	455	5.1	04/26/95
AU	A49	5,861,881	01/19/99	Freeman et al.	345	302	02/08/96
AU	A50	5,903,816	05/11/99	Broadwin et al.	455	3.1	07/01/96
AU	A51	5,905,523	05/18/99	Woodfield et al.	348	12	06/28/96

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Au	A52	5,907,322	05/25/99	Kelly et al.	345	327	10/16/96
Au	A53	5,918,012	06/29/99	Astiz et al.	395	200.47	03/29/96
Au	A54	5,926,172	07/20/99	Hanley	345	210	09/23/97
Au	A55	5,930,797	07/27/99	Hill	707	101	05/15/97
Au	A56	5,946,318	08/31/99	Post	370	412	03/21/97
Au	A57	5,949,410	09/07/99	Fung	345	302	10/18/96
Au	A58	5,949,476	09/07/99	Pocock et al.	348	24	10/20/93
Au	A59	5,961,603	10/05/99	Kunkel et al.	709	229	10/22/97
Au	A60	5,969,715	10/19/99	Dougherty et al.	345	327	07/06/98
Au	A61	5,977,962	11/02/99	Chapman et al.	345	327	10/18/96
Au	A62	5,977,989	11/02/99	Lee et al.	345	503	09/02/97
Au	A63	5,990,890	11/23/99	Etheredge	345	347	08/25/97
Au	A64	5,991,799	11/23/99	Yen et al.	709	218	12/20/96
Au	A65	5,999,970	12/07/99	Krisbergh et al.	709	217	04/10/96
Au	A66	6,002,455	12/14/99	Enomoto et al.	348	845.2	07/07/98
Au	A67	6,006,241	12/21/99	Purnaveja et al.	707	512	03/14/97
Au	A68	6,006,256	12/21/99	Zdetski et al.	709	217	03/11/96
Au	A69	6,006,265	12/21/99	Rangan et al.	709	226	04/02/98
Au	A70	6,018,372	01/25/00	Etheredge	348	569	09/04/97
Au	A71	6,018,768	01/25/00	Ullman et al.	709	218	07/06/98
Au	A72	6,023,703	02/08/00	Hill	707	100	05/24/99
Au	A73	6,038,319	03/14/00	Chari	380	33	05/29/98
Au	A74	6,040,871	03/21/00	Andersson	348	510	12/27/96
Au	A75	6,049,539	04/11/00	Lee et al.	370	355	09/15/97
Au	A76	6,058,430	05/02/00	Kaplan	709	245	09/09/96
Au	A77	6,067,107	05/23/00	Travaille et al.	348	1	04/30/98
Au	A78	6,072,839	06/06/00	Mondal et al.	375	265	07/24/97

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<i>Ac</i>	A79	6,075,568	06/13/00	Matsuura	348	478	05/08/97
<i>Ac</i>	A80	6,118,472	09/12/00	Dureau et al.	348	6	06/05/96
<i>Ac</i>	A81	6,141,002	10/31/00	Kanungo et al.	345	327	11/12/96
<i>Ac</i>	A82	6,148,081	11/14/00	Szymanski et al.	380	33	11/20/98
<i>Ac</i>	A83	6,151,626	11/21/00	Tims et al.	709	219	02/06/98
<i>Ac</i>	A84	6,169,541 B1	01/02/01	Smith	345	327	05/28/98
<i>Ac</i>	A85	6,169,573 B1	01/02/01	Sampath-Kumar et al.	348	169	07/03/97
<i>Ac</i>	A86	6,172,674 B1	01/09/01	Etheredge	345	327	08/25/97
<i>Ac</i>	A87	6,181,334 B1	01/30/01	Freeman et al.	345	327	07/03/97
<i>Ac</i>	A88	6,204,843 B1	03/20/01	Freeman et al.	345	327	10/28/99
<i>Ac</i>	A89	6,204,885 B1	03/20/01	Kwoh	348	564	371/102 (e) date: 04/26/99
<i>Ac</i>	A90	6,205,231 B1	03/20/01	Isadore-Barreca et al.	382	103	05/10/95
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<i>Ac</i>	A93	6,223,211 B1	04/24/01	Hamilton et al.	709	203	09/09/99
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	B2	0 596 823 A3	05/11/94	EP	G06F	15/72	10/05/93	N	Y
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B5	0 680 213 A2	11/02/95	EP	H04N	7/173	04/19/95	N	Y
B6	0 680 213 A3	05/08/96	EP	H04N	7/173	04/19/95	N	Y
B7	0 649 102 A3	08/26/96	EP	G06F A63F	17/00 9/22	10/14/94	N	Y
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B9	0 782 065 A2	07/02/97	EP	G06F	3/023	12/16/96	N	Y
B10	0 834 798 A2	04/08/98	EP	G06F	3/033	10/07/97	N	Y
B11	0 840 241 A1	05/06/98	EP	G06F	17/30	10/23/97	N	Y
B12	0 841 610 A2	05/13/98	EP	G06F	3/033	11/04/97	N	Y
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B15	0 920 891 A1	06/09/99	EP	A63F	9/22	12/02/97	N	Y
B16	0 928 105 A1	07/07/99	EP	H04N	5/44	9/17/97	N	Y
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B21	0 988 876 A1	03/29/00	EP	A63F	13/00	08/20/99	N	Y
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B29	1 098 532 A2	05/09/01	EP	H04N	7/58	05/17/96	N	Y
B30	1 098 534 A2	05/09/01	EP	H04N	7/58	05/17/96	N	Y
B31	97/20458	08/14/97	WO	G06T	13/00	02/07/97	N	Y

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	B33	97/37497	10/09/97	WO	H04N H04L	7/58 12/28	03/19/97	N	Y
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	B37	98/44435	10/08/98	WO	G06F	17/30	04/02/97	N	Y
	B38	98/47084	10/22/98	WO	G06F	17/30	04/16/98	N	Y
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	B53	00/16544	03/23/00	WO	H04N	17/00	12/16/98	N	Y

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	B55	00/39947	07/06/00	WO	H04H	1/00	12/17/99	N	Y
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	B57	00/40007	07/06/00	WO	H04N G06F	5/00 13/10	12/17/99	N	Y
	B58	00/45599	08/03/00	WO	H04N	7/24	01/28/00	N	Y
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	B62	01/17256 A1	03/08/01	WO	H04N	7/173	08/28/00	N	Y
	B63	01/17257 A1	03/08/01	WO	H04N	7/173	08/28/00	N	Y
	B64	01/17258 A1	03/08/01	WO	H04N	7/173	08/28/00	N	Y
	B65	01/17259 A1	03/08/01	WO	H04N	7/173	08/28/00	N	Y
	B66	01/17260 A1	03/08/01	WO	H04N	7/173	08/28/00	N	Y
	B67	01/17261 A1	03/08/01	WO	H04N	7/173	08/28/00	N	Y
	B68	01/18676 A1	03/15/01	WO	G06F	17/00	09/02/00	N	Y
	B69	01/18678 A2	03/15/01	WO	G06F	17/00	09/07/00	N	Y
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	B71	01/24027 A1	04/05/01	WO	G06F	15/16	09/29/00	N	Y
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C2	Bove, et al., "Adding Hyperlinks to Digital Television", Pgs. 795-801, SMPTE Journal, SMPTE Inc. Scarsdale, N.Y., US, Vol. 108, No. 11, November 1999
C3	Burill, et al., "Time-Varying Sensitive Regions in Dynamic Multimedia Objects: a Pragmatic Approach to Content-Based Retrieval From Video", pgs. 213-223, Information and software Technology 1994

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	C5	Chalom, et al., "Segmentation of an Image Sequence Using Multi-Dimensional Image Attributes", 4 pgs., Proceedings of the ICIP-96, September 1996
	C6	Dakss, et al., "Hyperlinked Video", pgs. 2-10, Proceedings of the SPIE Conference on Multimedia Systems and Applications, November 1998, Boston
	C7	Ginige et al. "Hypermedia Authoring" pgs. 24-35, University of Technology, Sydney, IEEE MultiMedia, Winter 1995
	C8	Hirata, et al, "Content-Oriented Integration in Hypermedia Systems", (pg. 11-21), Washington, March 16-20, 1996, New York, ACM, US, vol. CONF. 7, 16 March 1996
	C9	IBM Technical Disclosure Bulletin, "User-Controlled Display of Hypermedia Links Via Mouse Location", Page 669, Volume 36, No. 8, August 1993
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